allowing said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

third switch operating state detection means for detecting the operating state of said third switch.

3. (AS UNAMENDED) A coordinate input device as set forth in Claim 2, wherein

said wheel support portion further comprises a ratchet construction on the side of said wheel, and wherein

said wheel is adapted to fit in said ratchet construction.

4. (AS UNAMENDED) A coordinate input device as set forth in Claim 1, wherein

an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein

said circumferential edge is adapted to fit in said second locking construction.

5. (AS UNAMENDED) A coordinate input device as set forth in Claim 1, wherein said rotating body is of a cylindrical configuration.

6. (AS UNAMENDED) A coordinate input device as set forth in Claim 1, wherein said rotating body is of a spherical configuration.

7. (AS UNAMENDED) A coordinate input device as set forth in Claim 1, wherein a surface of said rotating bodies is covered with a slip preventive material.

8. (AS UNAMENDED) A coordinate input device as set forth in Claim 1, wherein a recess is formed in the surface of said rotating bodies.

9. (AS UNAMENDED) A coordinate input device as set forth in Claim 1, wherein said coordinate input device further comprises:

ball moving state detection means for detecting the moving state of a ball;

click switch operating state detection means for detecting the operating state of a click switch; and

wheel rotating state detection means for detecting the rotating state of said

wheel, said coordinate input device further comprising:

a format change-over switch; and

data transmission means for transmitting respective pieces of information detected by said respective detection means as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

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10. (NEW) A coordinate input device having a wheel that can be operated through rotation, comprising:

a plurality of rotating bodies disposed along a circumferential edge of said wheel and rotatable on said circumferential edge as an axis of rotation; and

a rotating body rotating state detection unit detecting the rotating state of said rotating bodies.

11. (NEW) A coordinate input device as set forth in claim 10, wherein said coordinate input device has a left click switch as a first switch and a right click switch as a second switch, said coordinate input device further comprising:

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a third switch disposed as a lower portion of said wheel;

a wheel support portion to support said wheel and to allow said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

a third switch operating state detection unit detecting the operating state of said third switch.

12. (NEW) A coordinate input device as set forth in claim 11, wherein said wheel support portion further comprises a ratchet construction on a side of said wheel, and wherein said wheel is adapted to fit in said ratchet construction.

13. (NEW) A coordinate input device as set forth in claim 10, wherein an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein said circumferential edge is adapted to fit in said second locking construction.

14. (NEW) A coordinate input device as set forth in claim 10, wherein said rotating body is of a cylindrical configuration.

15. (NEW) A coordinate input device as set forth in claim 10, wherein said rotating body is of a spherical configuration.

16. (NEW) A coordinate input device as set forth in claim 10, wherein a surface of said rotating bodies is covered with a slip preventive material.

17. (NEW) A coordinate input device as set forth in claim 10, wherein a recess is formed in a surface of said rotating bodies.

18. (NEW) A coordinate input device as set forth in claim 10, wherein said coordinate input device further comprises:

a ball moving state detection unit detecting the moving state of a ball;

a click switch operating state detection unit detecting the operating state of a click switch;

a wheel rotating state detection unit detecting the rotating state of said wheel;

a format change-over switch; and

a data transmission unit transmitting information detected by each of said respective detection units as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed to effect another transmission in a second format when said format change-over switch is depressed.

19. (NEW) A coordinate input device as set forth in claim 10, wherein said coordinate input device further comprises:

a format change-over switch; and

a data transmission unit transmitting information detected by each of said respective detection units as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed to effect another transmission in a second format when said format change-over switch is depressed.